

AMENDMENTS TO THE CLAIMS

Claims 1-34 (canceled)

Claim 35 (new): A method of localized hyperbaric treatment of an affected area of a patient, comprising the steps of:

- providing a medical dressing assembly including: an isolating member having at least one patient engaging base member which substantially extends about the outer perimeter of a cover member, the cover member along with the affected area of the patient substantially defining a volume; at least one input connector capable of substantially hermetic sealing with a conduit; and at least one exhaust connector capable of substantially hermetic sealing with a conduit;

- operatively securing the isolating member onto the patient so that at least a portion of the affected area of the patient is isolated from an external environment;

- controllably inputting matter into the volume through the at least one input connector;

- controllably exhausting matter from the volume through the at least one exhaust connector; and

- controlling the flow and pressure of fluids directed into and out of the isolating means, to, in turn, provide a localized hyperbaric treatment of an affected area.

Claim 36 (new): The method according to claim 35, wherein the step of providing a medical dressing assembly including an isolating member having at least one patient engaging base

member includes the step of providing an at least one patient engaging base member having the bottom surface.

Claim 37 (new): The method according to claim 35, wherein the step of providing a medical dressing assembly including an isolating member having at least one patient engaging base member which substantially extends about the outer perimeter of a cover member includes the step of providing a cover member comprising a substantially non-flexible material, to, in turn, substantially maintain the defined volume substantially constant.

Claim 38 (new): The method according to claim 35, wherein the step of providing a medical dressing assembly including an isolating member having at least one patient engaging base member which substantially extends about the outer perimeter of a cover member includes the step of providing a cover member comprising a substantially flexible material, to, in turn, facilitate fluctuation of the defined volume.

Claim 39 (new): The method according to claim 35, wherein the step of providing a medical dressing assembly including at least one input connector capable of substantially hermetic sealing with a conduit and at least one exhaust connector capable of substantially hermetic sealing with a conduit includes the step of providing a total cross-sectional area of the at least one input connector which is greater than the total cross-sectional area of the at least one output connector.

Claim 40 (new): The method according to claim 35, wherein the step of providing a medical dressing assembly including at least one input connector capable of substantially hermetic sealing with a conduit and at least one exhaust connector capable of substantially hermetic sealing with a conduit includes the step of providing at least one input connector and at least one exhaust connector which are substantially identical.

Claim 41 (new): The method according to claim 35, wherein the step of providing a medical dressing assembly including at least one input connector capable of substantially hermetic sealing with a conduit includes the step of providing a plurality of input connectors.